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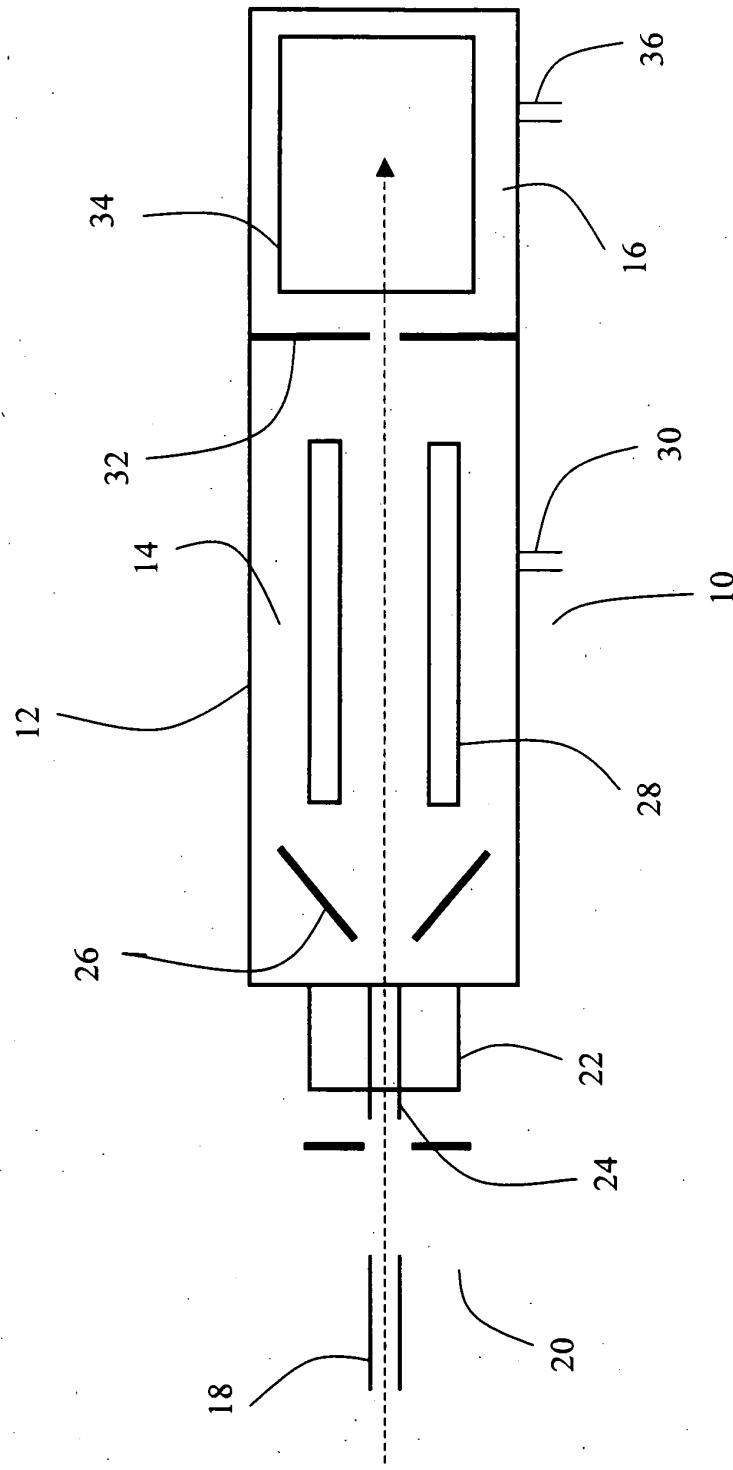


Figure 1

Free RNA

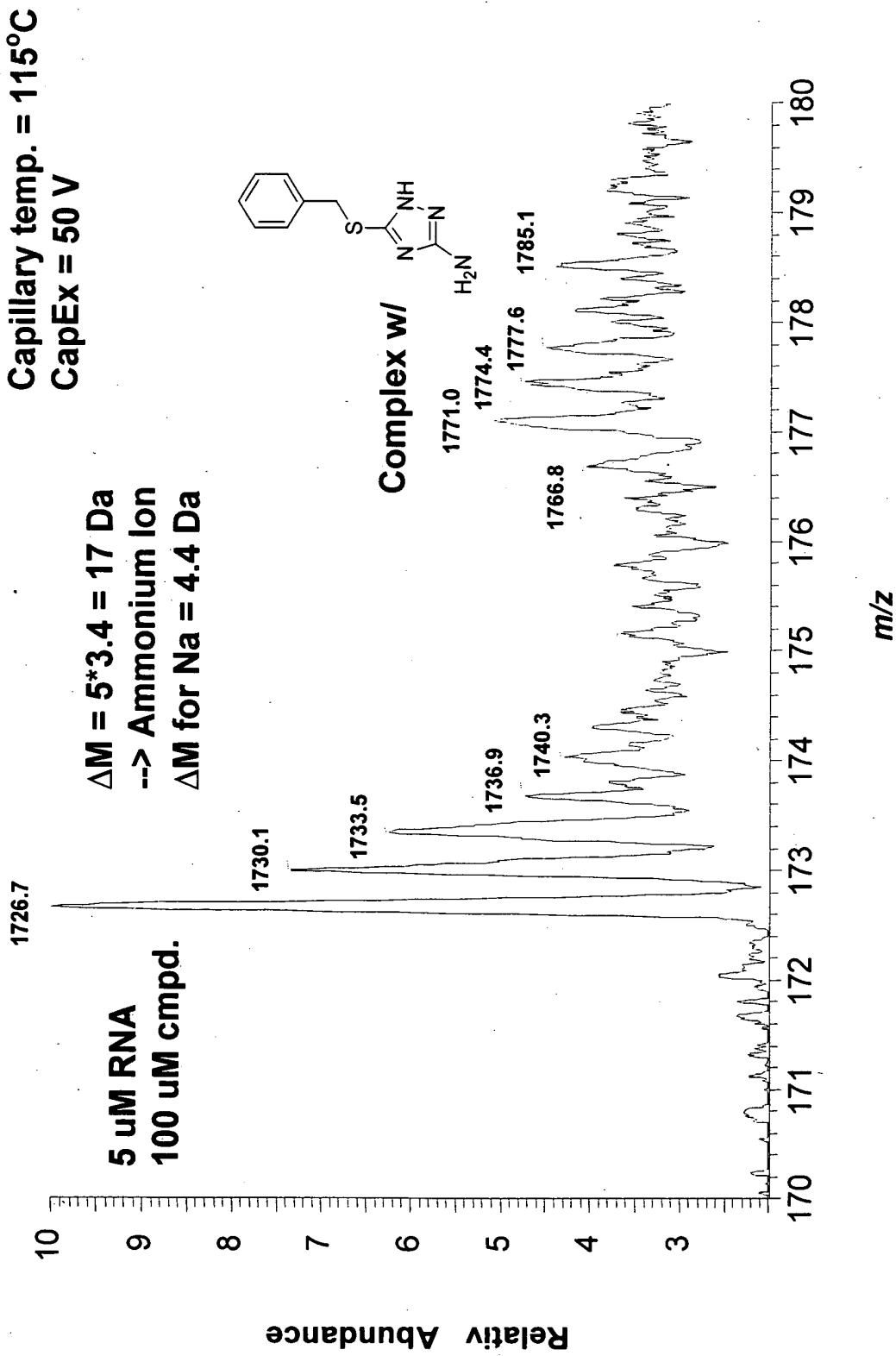


Figure 2

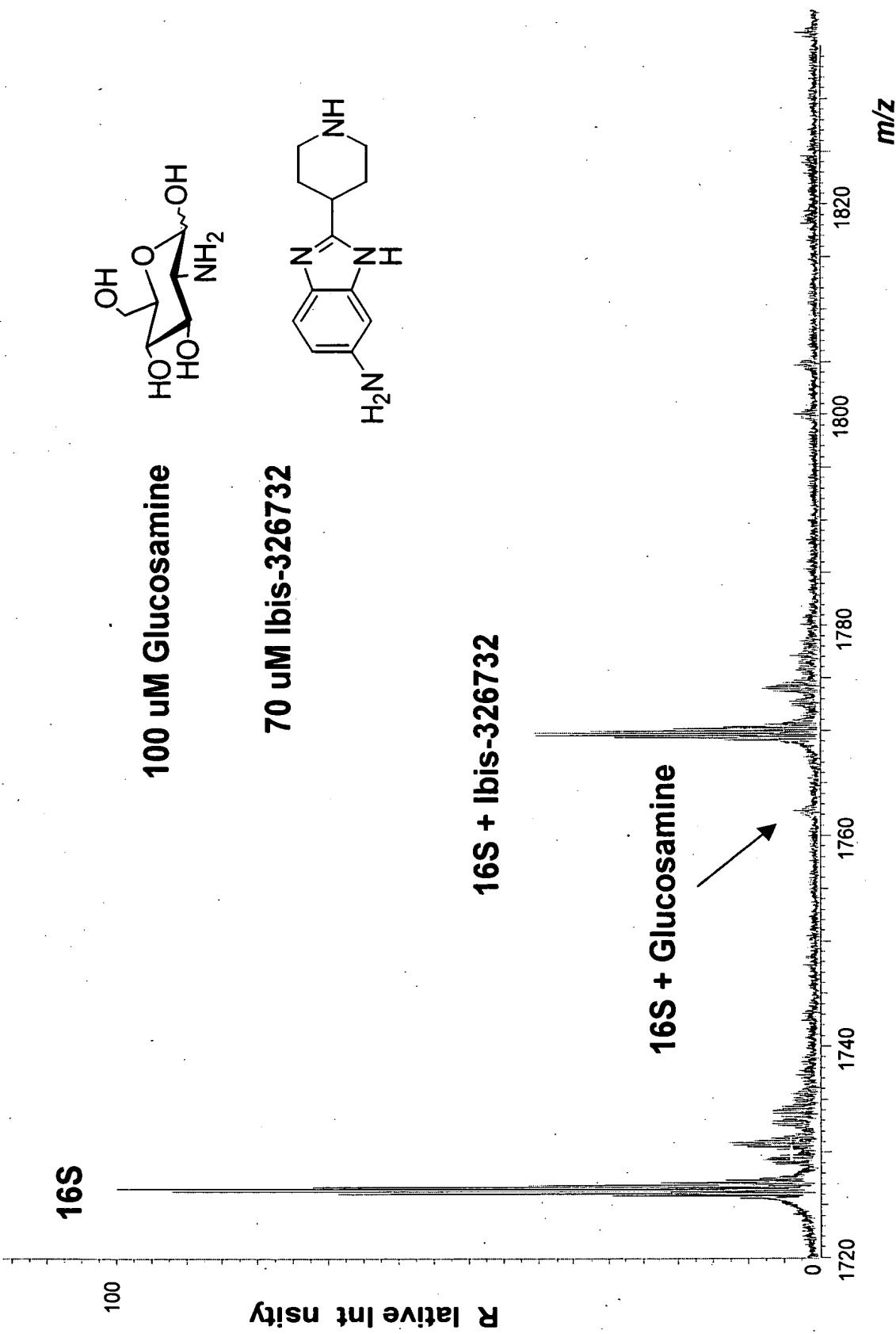


Figure 3

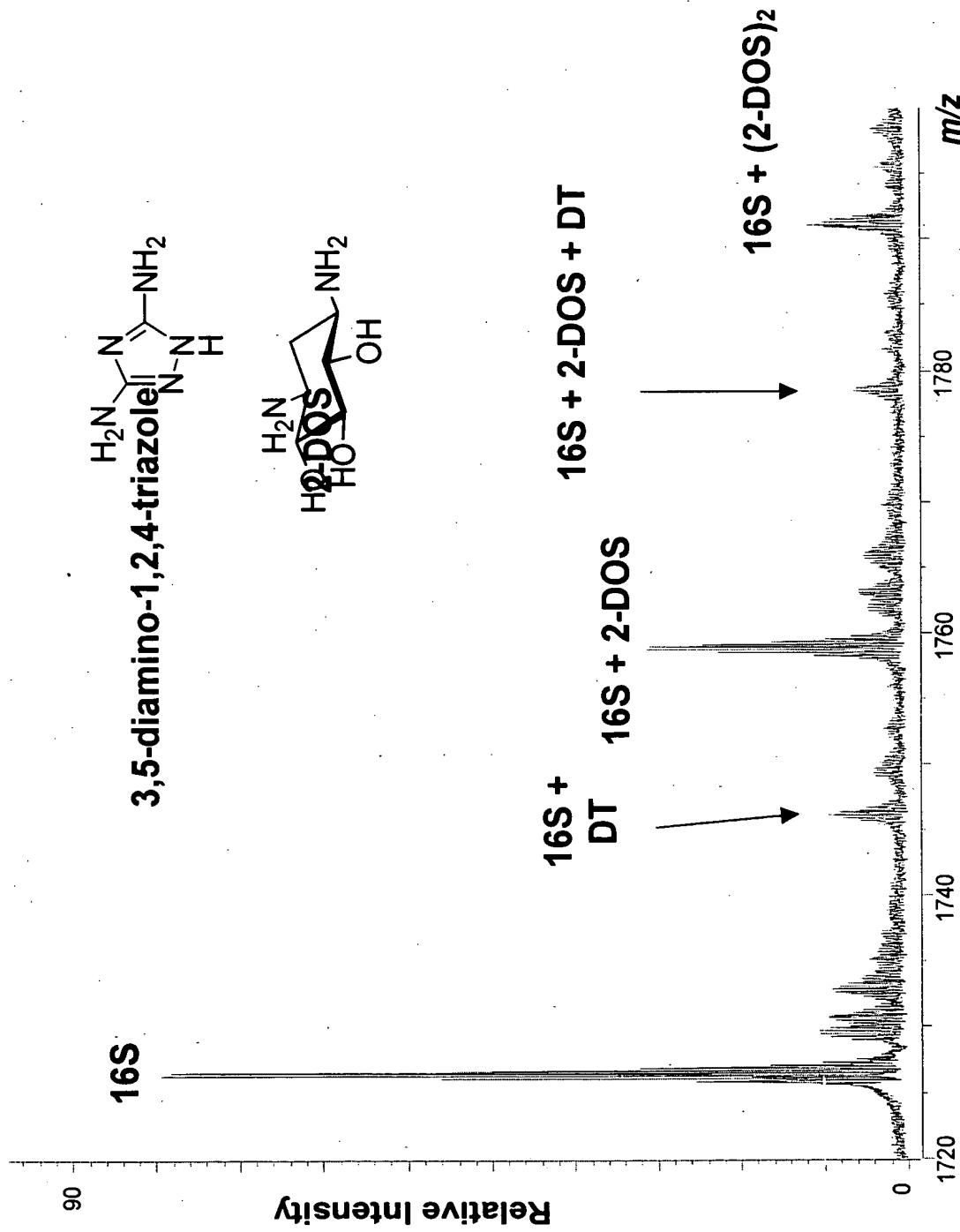
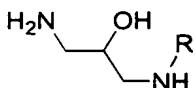
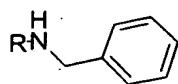
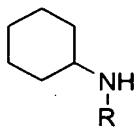
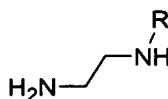
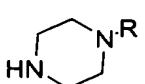


Figure 4

Amine Functionality



Carboxylic Acid Functionality

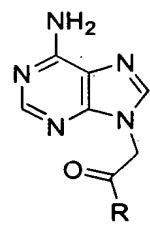
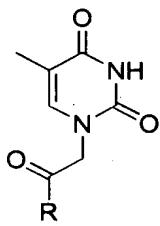
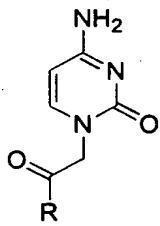
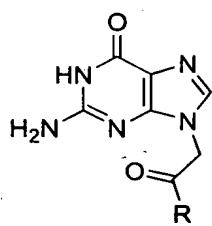
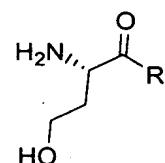
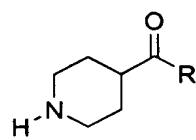
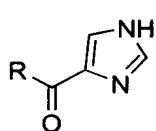
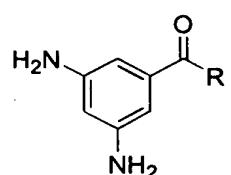
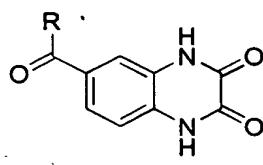
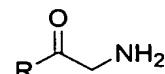
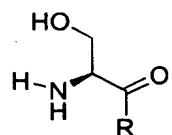
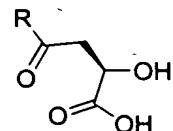
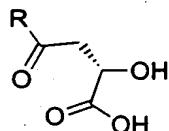
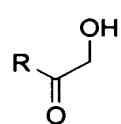
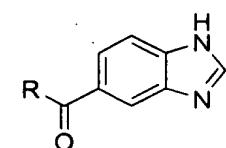
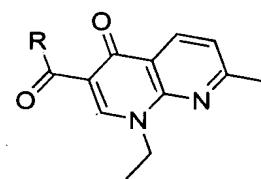
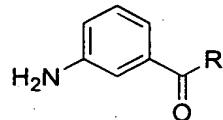
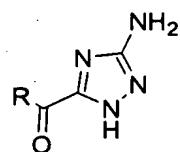
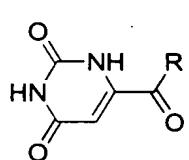


Figure 5

16S RNA

16S RNA + 2x

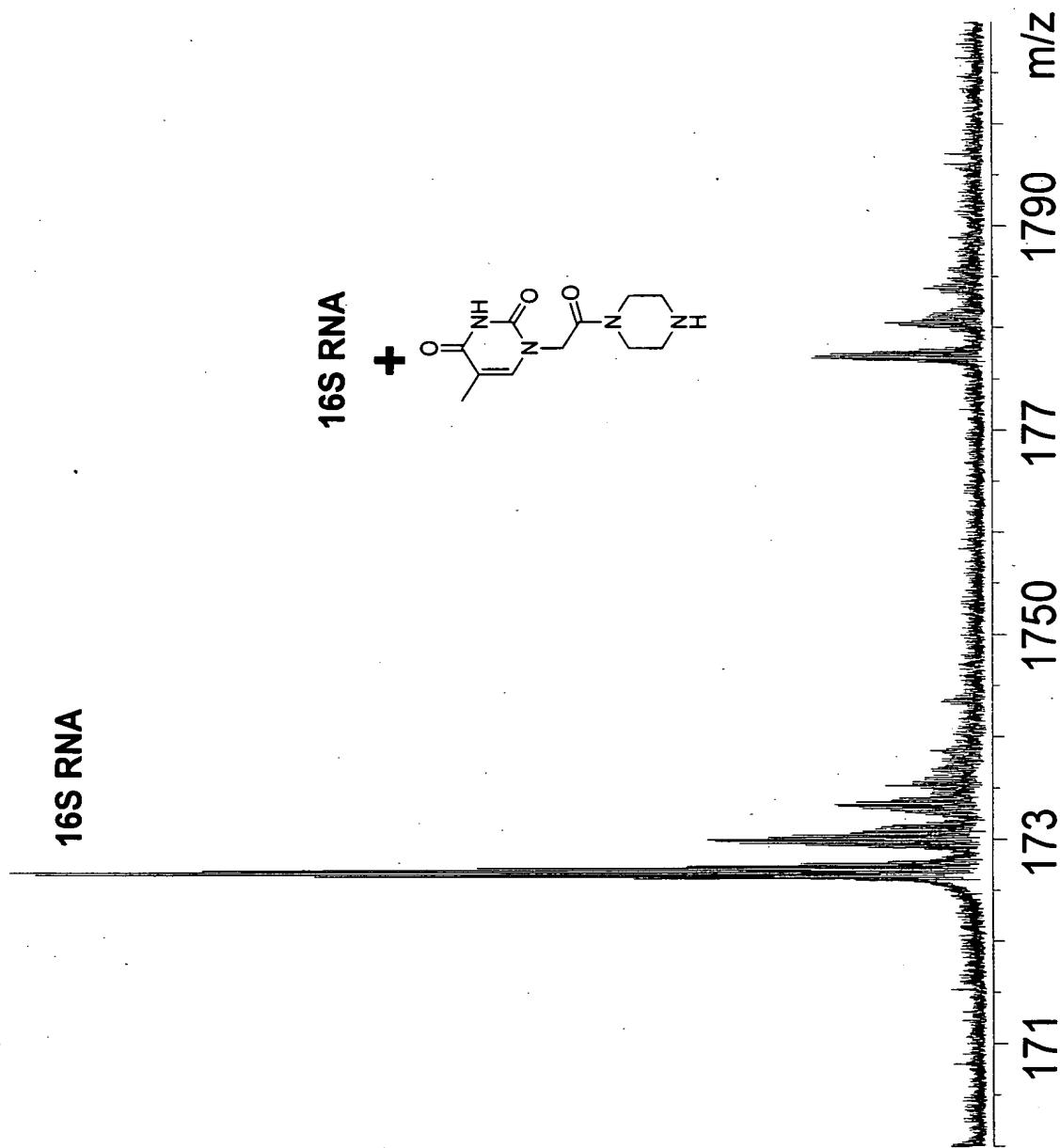
16S RNA

1710 173 1750 177 1790

CC(C(=O)N1CCN(C)CC1)N
CC(C(=O)N1CCN(C)CC1)N2CCN(C)CC2

Figure 6

Figure 7



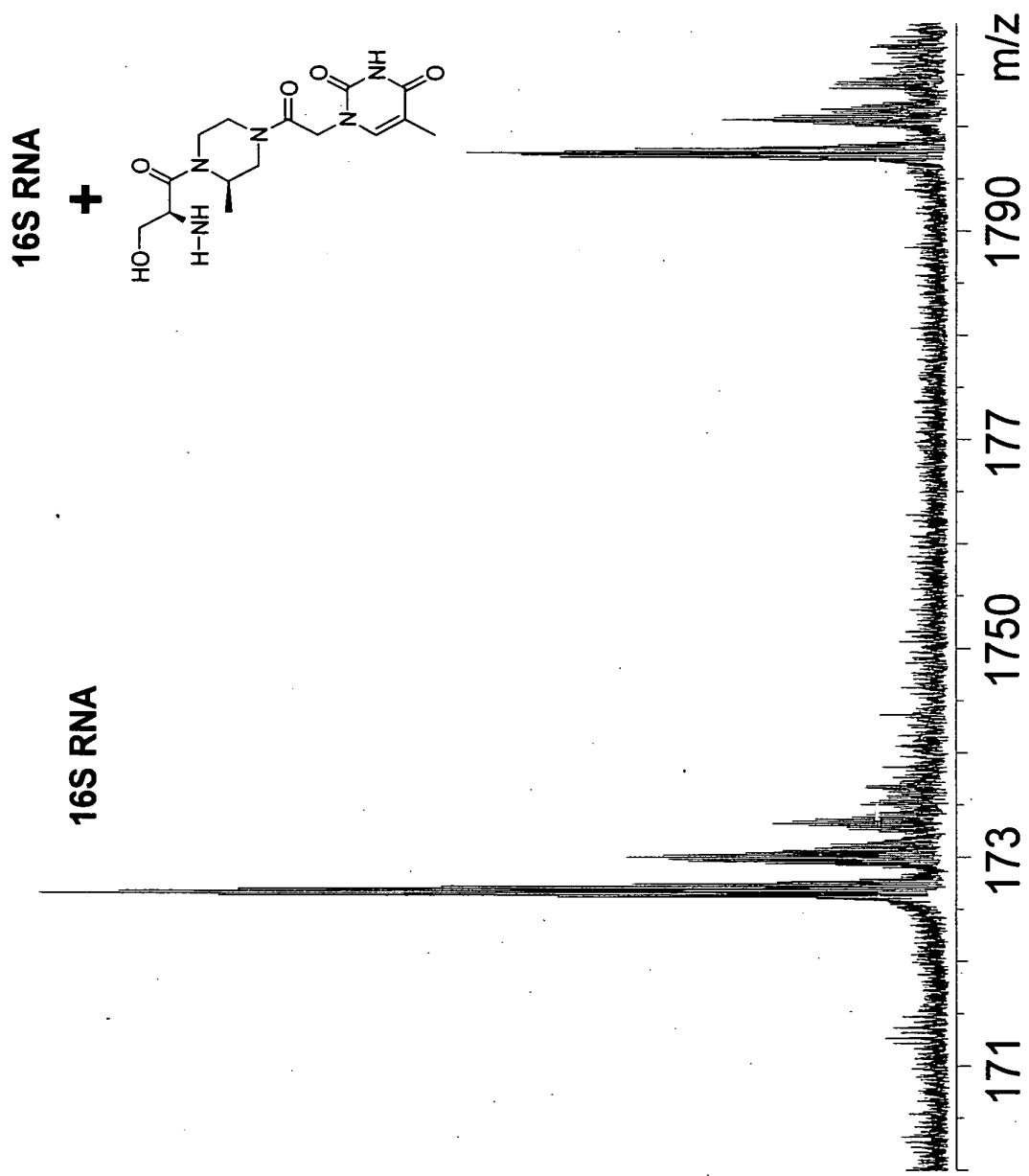


Figure 8

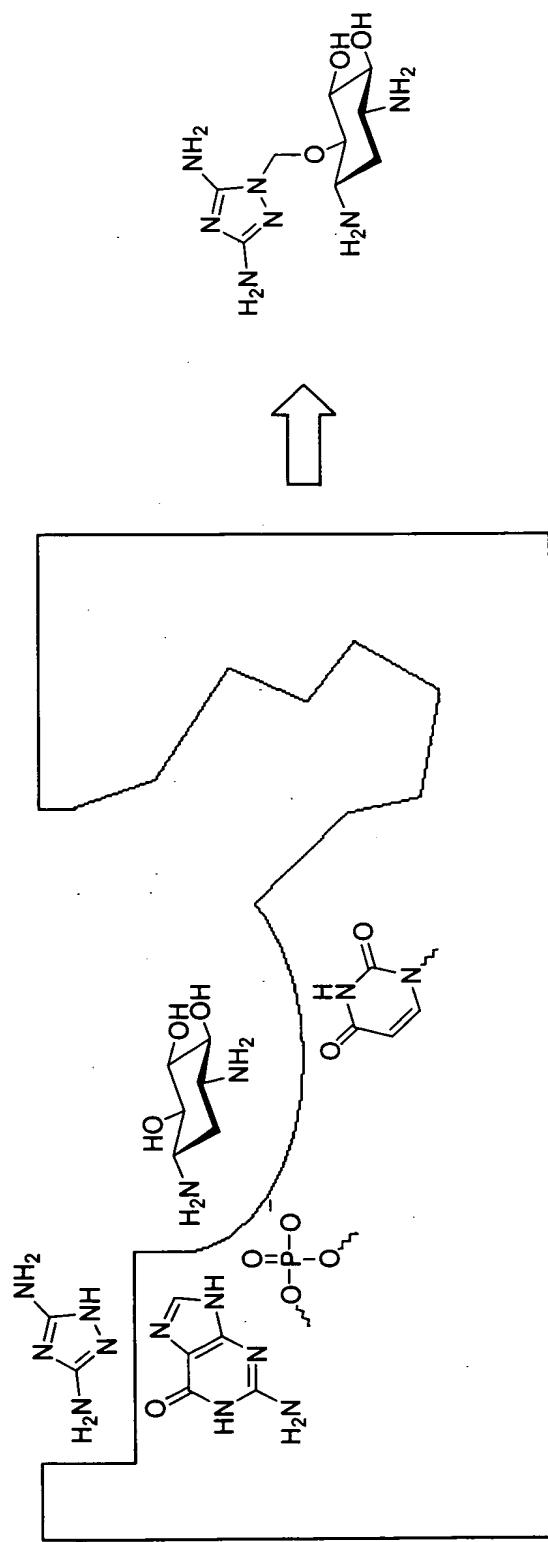


Figure 9